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(54) Title: **VECTORS FOR EXPRESSION OF HML-2 POLYPEPTIDES**

(57) Abstract: A nucleic acid vector comprising: (i) a promoter; (ii) a sequence encoding a HML-2 polypeptide operably linked to said promoter; and (iii) a selectable marker. Preferred vectors comprise: (I) a eukaryotic promoter; (ii) a sequence encoding a HML-2 polypeptide downstream of and operably linked to said promoter; (iii) a prokaryotic selectable marker; (iv) a prokaryotic origin of replication; and (v) a eukaryotic transcription terminator downstream of and operably linked to said sequence encoding a HML-2 polypeptide. Vectors of the invention are particularly useful for expression of HML-2 polypeptides either *in vitro* (e.g. for later purification). Or *in vivo* (e.g. for nucleic acid immunization). They are well suited to nucleic acid immunization against prostate tumors. A preferred HML-2 is PCAV, which is located in chromosome 22 at 20.428 megabases (22q11.2).

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